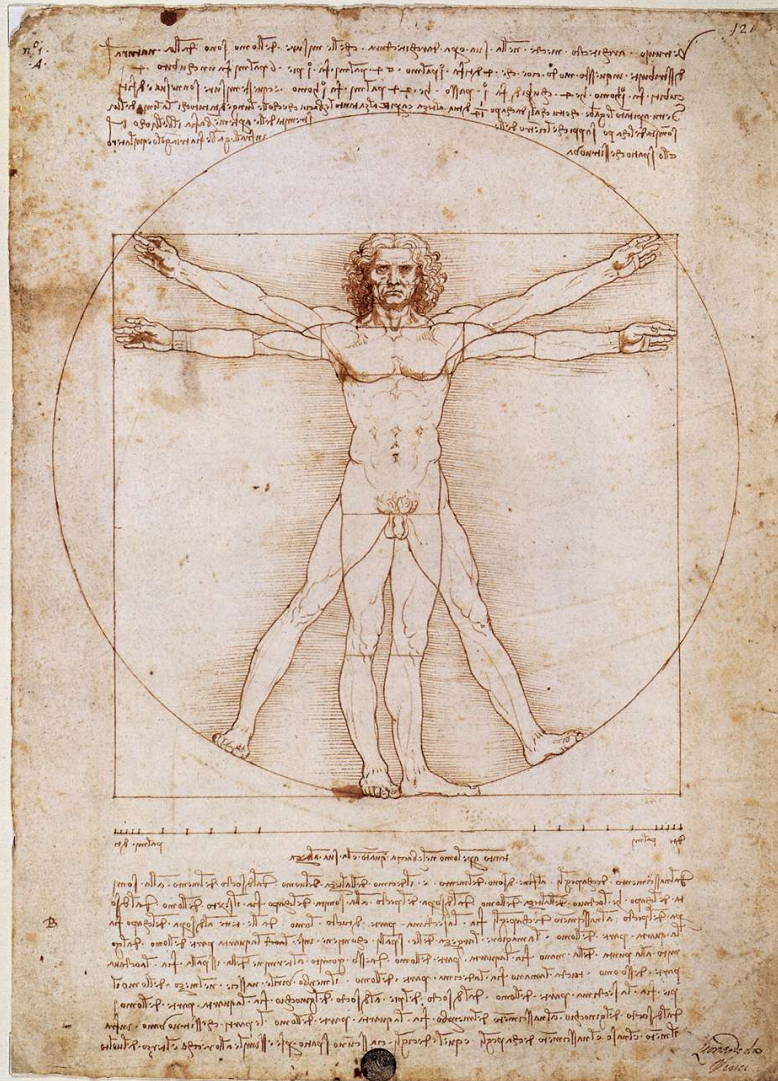


Chapter 1

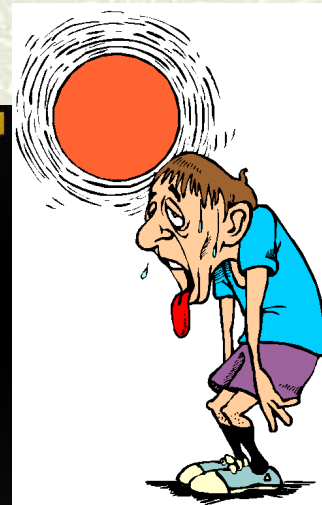


Introduction to Anatomy & Physiology

Mrs. Black

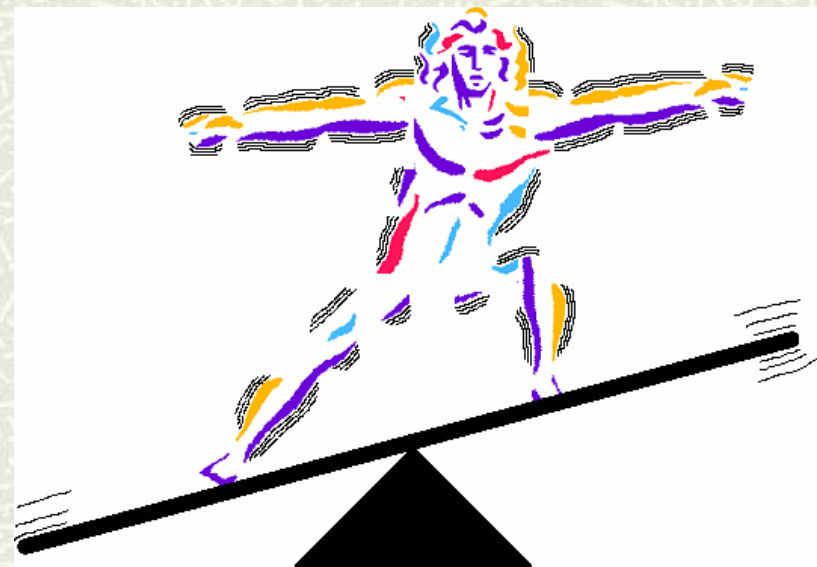
1.5 Maintenance of Life

- # 1. Requirements of organisms
 - Water
 - Food
 - Oxygen
 - Heat
 - Pressure



HOMEOSTASIS

- # If an organism is to survive, the conditions within its body fluids must remain relatively stable
- # Maintenance of a stable internal environment is called **HOMEOSTASIS**





- # Homeostatic mechanisms help regulate body temperature and blood pressure
- # Homeostatic mechanisms act through negative feedback
 - Shivering
 - Sweating

Homeostasis in Humans

